

Central Indiana Water Study
Phase II: Regional Supply

Phase II will not be subject to a Request for Proposal, as the Indiana Finance Authority is working with the U.S. Geological Survey to accomplish the tasks.

Phase II Scope of Work

The purpose of Phase II is to identify and analyze data from existing water resource monitoring networks and to identify additional data collection needed to better understand the groundwater and surface water resources in the study area, and to serve as decision support for future water planning and management considerations. The study will also include a discussion about the current Indiana law and policies that have implications on the management of groundwater and surface water for domestic, agriculture, commercial, industrial, and institutional uses.

The tasks to be performed in Phase II will include, but are not limited to, the following:

- Task 1 In order to have a better understanding of water resources in Central Indiana, identify:
1. Groundwater characteristics through aquifer levels and surface water characteristics through stream flows
 2. Existing data from available local, state, and federal resources
 3. Data gaps (types of data and/or locational needs)
 4. Additional data needs
- Task 2 Collect data, including:
1. Leveraging existing resources to most cost-effectively collect data
 2. When creating new data, ensuring at least 12 months of data will be collected
- Task 3 Interpret data:
1. Use historical data to describe seasonal and annual variation in groundwater and surface water characteristics, during normal conditions and during periods of extended drought
 2. Use available data, mapping, and/or imagery to identify and describe the connection between surface and groundwater resources
 3. Provide recommendations on whether a more detailed study of surface water availability and/or model should be included in Phase III
 4. Discuss current Indiana law and policies that have implications on the management of groundwater and surface water for domestic, agriculture and commercial, industrial, and institutional uses
- Task 4 Provide summary and recommendations.